



A DOCPHOENIX

decrease in body weight, insulin resistance index and HbA_{1c} after treatment compared to those without the mutation. See also Table 2.

Sakane does not disclose or suggest that individuals having a "11" genotype for a β_3 -adrenergic receptor gene can improve their diabetes status by engaging in exercise training. Applicants respectfully request that the rejection be withdrawn.

Respectfully submitted,

Richard J. Berman
Registration No. 39,107

Arent Fox Kintner Plotkin & Kahn, PLLC
1050 Connecticut Avenue, NW
Suite 600
Washington, D.C. 20036-5339
United States of America
202/857-6000

RJB/ccd